

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/00222

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F01N 3/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F01N, B01D, B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9411623 A2 (ENGELHARD CORPORATION), 26 May 1994 (26.05.94), page 29, line 24 - page 30, line 34, figures 2,6, abstract --	1-4,6,7,13, 18-20,22-28
X	US 5660800 A (RODNEY L MIEVILLE ET AL), 26 August 1997 (26.08.97), figure 8, abstract --	1-4,6-9, 22-28
X	EP 1016777 A2 (AB VOLVO ET AL), 5 July 2000 (05.07.00), paragraph 0007-0010,0030;fig 2; abstract --	1-12,22-28

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
28 April 2003	15 -05 - 2003
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer Lars Wallentin/EK Telephone No. + 46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6190624 B1 (JACQUES J L ROMATIER), 20 February 2001 (20.02.01), figures 6,9, abstract --	1-4,6-9, 22-28
X	WO 9621093 A1 (ENGELHARD CORPORATION), 11 July 1996 (11.07.96), figure 1A, claim 1, abstract -----	1-4,6,8,9, 22-28

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9411623 A2	26/05/94	US 6171556 B AT 191060 T DE 69328195 D,T EP 0677142 A,B EP 0950800 A JP 8503046 T	09/01/01 15/04/00 28/09/00 18/10/95 20/10/99 02/04/96
US 5660800 A	26/08/97	AU 6814994 A US 5609832 A WO 9523918 A US 5303547 A	18/09/95 11/03/97 08/09/95 19/04/94
EP 1016777 A2	05/07/00	JP 2000189757 A	11/07/00
US 6190624 B1	20/02/01	NONE	
WO 9621093 A1	11/07/96	AU 4141796 A	24/07/96